The throw exception specifier Solutions

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throw()

- In the following code, what is the purpose of the throw() specifier?

```
void get_data() throw(NetworkConnectionError, DataError);
```

  - It lists the exceptions the function could throw
  - An empty argument lists indicates that the function does not throw exceptions
- Is this useful?
  - Not particularly
  - Not checked by compiler - relies on programmers to enter the correct data and keep it up-to-date
  - Does not help with compiler optimizations - the code for a "stack unwind" must be generated even if the function does not throw

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throw()

- Should we continue to use the throw() exception specifier?
  - No - it has been superseded by the noexcept keyword and is being removed from the language

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